

Name of the work : Solid Waste Management Work in Ward No 08.

Contractor/Agency : M/S KRDIL.

Name of the Client : Executive Engineer, Yalahanka Project Division
BBMP, Bangalore.

Estimated Cost : Rs 100.00 Lakhs

Status of Bill : 1st and Final bill

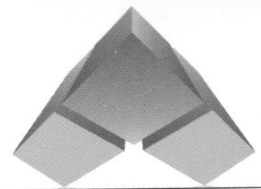
In the Presence of : (a) Mr. Anjaneyalu B.R
Assistant Engineer, BBMP, Bangalore.
(b) Mr. Naveen Kumar
Assistant Executive Engineer, BBMP, Bangalore
(c) Mr. Somesh, Site Engineer
M/s Tejus Consultants

S.N.	Description of item	Comments/observation
11	KBS-2.2.1: Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with wall upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS-2.1(a)/2.3.5 (Page no -5, item no - 2.3)	Work done up to the billed quantity and quality is satisfactory
12	KBS-2.2: Providing and injecting chemical emulsion for Pre- constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulsifiable concentrates of 20% concentration, including cost of chemical, diluting in water to one percent concentration, labour, HOM of equipments, complete as per specifications. (Plinth area of the building at ground floor only shall be measured) Specification No. KBS : 2.2(a) 2.2.7 (Page no -9, item no - 3.2)	Work done up to the billed quantity and quality is satisfactory



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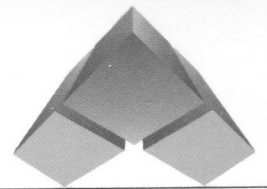


10	KBS-12.1: Providing and Filling in foundation with granite / trap broken metal 150mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. specification. No. KBS (Page no -6, item no - 2.15)	Work done up to the billed quantity and quality is satisfactory
11	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement (20Mpa) with 40mm and down size graded granite metal coarse aggregates @ 1000mm and fine aggregates @ 465 cum machine mixed, machine mixed, concrete set in layers not exceeding 15 cms, thick well compacted, in foundation and plinth, including cost of all material, labour HOM Machinery curing complete as per specification. (Page. No. 12 Item No. 4.2)	Work done up to the billed quantity and quality is satisfactory
12	KBS-13.1: Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 200mm high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (Page. No. 23 Item No. 13.8)	Work done up to the billed quantity and quality is satisfactory
13	KBS-15.1.1 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm including cost of materials, labour, curing complete as per specifications. (Page No. 15, Item No. 15.1 of PW, P&IWD S.R 2016-17)	Work done up to the billed quantity and quality is satisfactory
14	KBS-4.6.1: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (Page No : 15, item No : 4.28)	Work done up to the billed quantity and quality is satisfactory
15	KBS-4.6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached plasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (Page No : 15, item No : 4.27)	Work done up to the billed quantity and quality is satisfactory
16	KBS-4.6.2: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications for heights more than 3.50m from ground level. Specification No. KBS 4.6.2 (Page No: 15, Item No : 4.29)	Work done up to the billed quantity and quality is satisfactory
17	KBS-4.6.3: Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (Page No: 15, Item No : 4.32)	Work done up to the billed quantity and quality is satisfactory



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KGRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69cum and fine aggregates @ 0.460 cum, with super plasticizers @ 3 liters confirming to IS 9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedestals, retaining walls, return walls, walls (any thickness) including attached pilasters, column pillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.2 (Page No : 13, item No : 4.11)

KGRB 4.3.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding whenever required, tying with binding wire and anchoring to the adjoining members whenever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars Fe 500 (Page No : 17, item No : 4.6.2)

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KGRB 4.1.3: Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.530 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.6 of P&F/PA&MTD/S.R 2016-17)

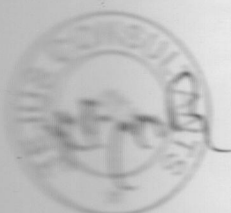
Work done up to the
billed quantity and quality
is satisfactory

KGRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. specification. No. KBS (Page No : 6, item No : 2.10)

Work done up to the
billed quantity and quality
is satisfactory

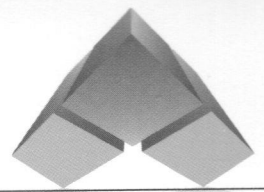
KGRB 5.11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not less than 1800 kg/m³ and having a minimum average compressive strength 5.00 N/mm² confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing complete as per specifications. KBS No.54 (Page No 25, item No : 5.27.2)

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is satisfactory



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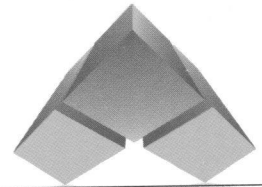
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16	KGRB15-3.10 : Providing 20mm thick cement plaster in single coat with cement mortar 1:5, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(Page No :114, item No: 15.20)	Work done up to the billed quantity and quality is satisfactory
17	KGRB 15.3.2 Providing 12mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications..(Page No.113, Item No.15.10)	Work done up to the billed quantity and quality is satisfactory
18	KGRB15-3-13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (PWD South Zone, BangaloreSR 2016-17 - Item No. - 15.21, Page No.114)	Work done up to the billed quantity and quality is satisfactory
19	KGRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after thoroughly brushing the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - with primer. (P. No. 118, I.No. 15.53.2).	Work done up to the billed quantity and quality is satisfactory
20	Providing and applying two coats with Plastic emulsion paint of approved brand wall surface to a give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter, including priming, including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications, with primer. (Page No : 117, item No :15.51.2)For internal walls.	Work done up to the billed quantity and quality is satisfactory
21	KGRB 14.16-2: Flooring with 20 mm thick polished shahabad slabs using cement mortar 1:5, 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, including cost of materials, labour, curing, polishing complete as per specifications. Specification No. KBS (PWP&IWTD South Zone, BangaloreSR 2016-17 - Item No. - 14.16, Page No.103)	Work done up to the billed quantity and quality is satisfactory
22	KGRB 14.14-2 Providing Ceramic tiles of approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush jointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. - for Ceramic Tiles 400 x 400mm on a bed of 20mm thick (Page No : 106, item No :14.36.3)	Work done up to the billed quantity and quality is satisfactory



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100RB 14/14-2: Providing Ceramic tiles of approved make, shade and size for flooring, thresholds of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, (2) Thin pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. - for Ceramic Tiles of size 30x30cms identified. (P.No.106, I.No. 14.36.2 of PWD SR 2015-16)

Providing and fixing Chlorinated Poly Vinyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. (2) This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Crossed work including cutting chases and good the walls etc.) - 20mm nominal (2) pipes. (P.No.96, I.No. 13.86.2 of PWD SR 2015-16)

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Providing and fixing Chlorinated Poly Vinyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. (2) This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Crossed work including cutting chases and good the walls etc.) - 25mm nominal (2) pipes. (P.No.96, I.No. 13.86.3 of PWD SR 2016-17)

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100RB 15/11.1: Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (For 1000 litre capacity) Specification No.KBS 13.22 (P.no.94, I.No. 12/11 of PWD SR 2016-17)

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100RB 11/15.1: Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications. (P.No.82, I.No. 12/11 of PWD SR 2016-17)

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Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia. (P.No. 88, I.No. 12/11 of PWD SR 2016-17)

Work done up to the
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is satisfactory

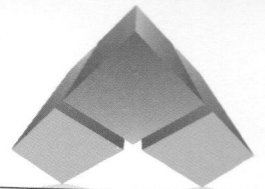
Providing and fixing GI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). - 10cms x 7.5cms (P.No.88, I.No. 12/11 of PWD SR 2016-17)

Work done up to the
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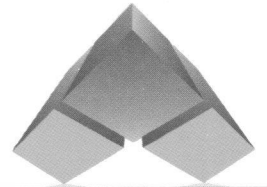


38	KSRB13-6.1-2 : Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.2 / 13.3. (P.No.91/ I.No. 13.24 of PWD SR 2016-17)	Work done up to the billed quantity and quality is satisfactory
39	KSRB13-6.3-3 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.6 / 13.3. (P.No.91/ I.No. 13.34 of PWD SR 2016-17)	Work done up to the billed quantity and quality is satisfactory
40	KSRB13-6.3-2 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.6 / 13.3 (P.No. 91, I.No. 13.33 of CSR 2016-17)	Work done up to the billed quantity and quality is satisfactory
41	Constructing brick masonry inspection chamber 450x450mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 450x450mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete W 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:1, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 450x450mm and 450mm depth (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 450x450mm (P.No. 73/ I.No.11.50.2 of PWD SR 2016-17)	Work done up to the billed quantity and quality is satisfactory
42	KSRB 11-2 : Providing and fixing white vitreous china clay, water closet Orissa pattern of size 580 x 440mm with integral type footrests, 100mm S or P trap, 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11. (P.No. 77/ I.No.12.2 of PWD SR 2015-16)	Work done up to the billed quantity and quality is satisfactory



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10. KGRS 11-5 : Providing and fixing white vitreous china clay, water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers, 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11 (P.no.77, I.no.12.5 of PWD SR 2015-16)

11. KGRS 11-11.1 : Providing and fixing white vitreous china clay, flat back wash basin size 630x450mm with a pair of 15mm C.P brass pillar taps with C.I / M.S brackets, 32 mm C.P brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11(P.no.80, I.no.12.23 of CSR 2015-17)

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12. KGRS 7.5 : Providing and fixing pull and push type rolling shutters of approved make set of 18 gauge, 75mm wide cold rolled steel laths of convex corrugation, with side guides and bottom rail, with interlocking arrangements for steel laths by means of alternate clips, suspension shaft with High tension coil type springs two numbers, mounted on specially designed pipe shaft, with bracket plates, guide channels, ball bearing arrangements, for inside & outside locking with push & pull operations complete including pulling hooks, 4Nos. handles with all fittings and accessories, painted with a coat of red lead paint (without top cover) cost of materials, labour, HDM of machinery complete as per specifications. Shutter size 3mx2.8 m. Specification No. KBS 7.10 / 7.12. (P.No. 31, I.No. 7.5 of CSR 2016-17)

Work done up to the
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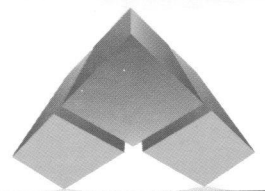
13. KGRS 7.9 : Providing and fixing M.S.grill work for windows and ventilators weighing 27kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, labour and HDM of machinery complete as per specifications. Specification No. KBS 7.12 (P.No. 32, I.No. 7.9 of PWD SR 2015-16) (Page No : 32, item No :7.9

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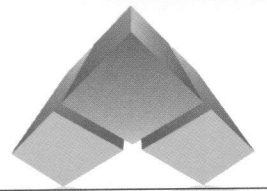
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	Fabricating, supplying and erecting M.S. Tubular Truss of span upto 10m. The bottom and top member is provided with 50x50x6mm double equal angles, welded back to back and in between top and bottom line, in areas of mid section is provided with 50x50x6mm equal single angle for vertical and inclined members and at supporting ends 40x40x5mm single angle is provided. All the members are welded together with 6mm gusset plate as per Drawing. The entire truss is anchored in RCC column by using 4 Nos. of M.S. anchor bolts at each support, with 10mm thick base plate and shoe plate. The work includes cutting, straightening, placing in position of M.S angle and welding wherever necessary, and applying one coat of red oxide primer coat to all the members including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, etc., complete as per specification. (Page No. 40 Item No. 7.29 of CSR 2015-16).	TEJUS CONSULTANTS Work done up to the billed quantity and quality is satisfactory																
40	<table><tr><th>PROVIDING</th><th>TRAPEZOIDAL</th><th>PROFILED</th><th>SHEET</th></tr><tr><td>Providing and installing of pre painted Galvalume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening.</td><td></td><td></td><td></td></tr><tr><td>The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance</td><td></td><td></td><td></td></tr><tr><td>Zinc-Alu Alloy coating AZ150 gsm as per ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25 mm length, to be fixed over the existing purlins, rafters, channels and trusses..(Page No : 300, item No :38.30)</td><td></td><td></td><td></td></tr></table>	PROVIDING	TRAPEZOIDAL	PROFILED	SHEET	Providing and installing of pre painted Galvalume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening.				The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance				Zinc-Alu Alloy coating AZ150 gsm as per ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25 mm length, to be fixed over the existing purlins, rafters, channels and trusses..(Page No : 300, item No :38.30)				Work done up to the billed quantity and quality is satisfactory
PROVIDING	TRAPEZOIDAL	PROFILED	SHEET															
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41	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 50x50x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast nuts each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineerin - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) (P.No.262 I.No.37.2 of PW,P&I WTD SR of 2016-17)	Work done up to the billed quantity and quality is satisfactory																
42	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint (P.No.262 of I.No.37.3 in PW,P&I WTD S.R 2016-17)	Work done up to the billed quantity and quality is satisfactory																



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40 Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint. (P.No.262 L.No.37.4 of PW,P&IWTD SR of 2016-17)

41 Door Shutters Entrance : Providing & fixing factory made Galvanized steel door Shutters 32 mm thick manufactured from pre- painted Galvanized plain steel sheet 1.60 mm thick conforming to the IS: 14246. The door shutters consist of two outer skins if steel sheets, lock seam jointed at vertical stile edges, horizontal top & bottom sides to form a double skin fully flush shell. Rigid polyurethane Foam (PUF) of density 40 Kg/M3 shall be filled in the hollow portion of door shutters for structure rigidly & sound insulation. The necessary stiffeners of the Galvanized plain steel sheet of minimum thickness 1.60 mm to be provided for fixing all hardware fixtures. Size - 900 x 2035 x32 mm Thick The rate is including MS Doorlock, MS Aldrop, 2nos of oxidised MS Handles, 2nos. of 300mm long Tower Bolt, (PWD South Zone, BangaloreSR 2016-17 - Item No. - 38.50.1, Page No.314)

Work done up to the billed
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satisfactory

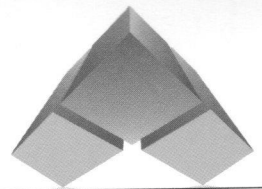
42 Door Frame - Entrance : Providing & fixing factory made Galvanized plain steel door frame of profile size 125 x 60 mm single rebate manufactured from galvanized plain steel sheet 1.25 mm thick, conforming to IS:277. The door frame consists of hinge jamb, lock jamb, head & bottom tie bars, supply in knockdown condition & to be assembled at site by mechanical means with special mitre joint. The bottom tie bar made out of galvanized plain steel sheet 1.60 mm thick pressed angle 20 x 20 mm screwed to the door frame. The stiffeners of 3 mm thick pre- punched & pre-trapped are to be welded inside the pre-punched slots of the door frames & 4 nos. of S.S. butt hinges 100 x 59 x 2.5 mm to be screwed to the door frame. The necessary stiffeners & mortar guards to be provided for fixing hardware fixtures. The door frame to be powder coated after pre- treatment of the surface. The door frame shall be filled with 1:1.5 cement concrete & to be fixed with adjustable lugs/ hold fasts. Alternatively, dry lining shall be permitted by using metallic expansion bolt. The rate is including transportation, loading, unloading, HOM etc. but excluding the hardware fixtures. size 1000 x 2130 mm. (PWD South Zone, BangaloreSR 2016-17 - Item No. - 38.49.1, Page No.313)

Work done up to the
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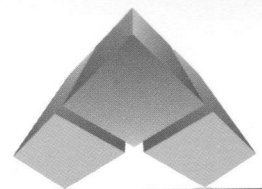


46	KSRRB 200-8. Clearing and grubbing road land including uprooting rank vegetation, grass, brush, shrubs, saplings and trees of girth upto 300mm, by manual means, in area of light jungle, removal of stumps, disposal of unserviceable materials, stacking of serviceable materials labour charges complete as per specifications. MORTH / Chapter 2 (P.No.138, I.No.18.11 of PW, P&IWD SR 2016-17)	TEJUS CONSULTANTS Work done up to the billed quantity and quality is satisfactory
47	KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications. MORTH Specification No.301 (P.No.143, I.No.19.14 of PW,P&IWD S.R 2016-17)	Work done up to the billed quantity and quality is satisfactory
48	KSRRB M400- Water Bound Macadam KSRRB M400-14.1. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt specific sizes to water bound macadam specifications including spreading in uniform thickness, hand packing, rolling with 3- wheeled steel/vibratory roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening/binding materials to fill up the interstices of coarse aggregates, watering and compacting to the required density complete as per Specification. A. By manual means. MORTH Specification No. 404 - Type A 13.2mm for grading II (P.No.157 I.No.20.14.1)	Work done up to the billed quantity and quality is satisfactory
49	KSRRB 14.6-2: Providing and laying heavy duty cobble stones 75mm thick interlock pavers, using cement and coarse sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. Specification No. KBS. (P.No.101 of I.No.14.7 in PW,P&IWD S.R 2016-17)	Work done up to the billed quantity and quality is satisfactory
50	Providing and Fixing polished grey granite slab benches approved by Engineer in charge (data approved rate)	Work done up to the billed quantity and quality is satisfactory
51	KSRRB M400-19: Construction of Median and island above road level with approved material deposited from borrowpits, spread, sloped and compacted as per Clause 408.7 complete as per specifications. MORTH Specification No.407 (P.No155 of I.No.20.20 in PW,P&IWD SR 2016-17)	Work done up to the billed quantity and quality is satisfactory



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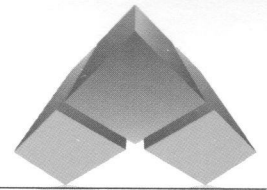


12	Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)	Work done up to the billed quantity and quality is satisfactory
13	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc.,complete (P.No.262 of I.No.5.30 in PW,P&IWTDR S.R 2016-17)	Work done up to the billed quantity and quality is satisfactory
14	KSRRB 15-19.1 : Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications. Page No. 122 / Item No. Item No. 15.80, PWD SR 2016-17	Work done up to the billed quantity and quality is satisfactory
15	KSRRB 15-19.2 : Providing and applying spray painting in two coats (excluding priming coat) over concrete / masonry / asbestos cement sheet / plastered surfaces with flat wall paint of approved brand to give even shade after cleaning the surface of all dirt, dust and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications. Page No. 122 / Item No. Item No. 15.81, PWD SR 2016-17	Work done up to the billed quantity and quality is satisfactory
16	Providing precast slab of 250 mm thick including cost of all materials, labour, curing, transportation, loading unloading, etc., complete as per the direction of engineer in charge- Data rate	Work done up to the billed quantity and quality is satisfactory
17	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 Page No. 142 / Item No. 19.1, PWD SR 2016-17	Work done up to the billed quantity and quality is satisfactory
18	Removing and refixing stone slabs of drains and pointing in CM (1:3) (P.No.27, I.No.5.33 of PW, P&IWTDR SR 2017-18)	Work done up to the billed quantity and quality is satisfactory
19	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., Complete. 7.5cms thick (P.No.27, I.No.5.31.2 of PW, P&IWTDR SR 2016-17)	Work done up to the billed quantity and quality is satisfactory



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KGRRB 5-14: Providing and Constructing precast concrete solid blocks with compressive strength not less than 3.5 Newton/sqm with cement mortar 1:4 masonry (quoin, jamb, closer blocks) with solid concrete blocks of size 40X15X20 cms confirming to I.S:2185/1965 in superstructure including cost of materials, labor charges, scaffolding, curing complete as per specifications (P.No.25, I.No.5.26.2 of P.W. P&WTD SR 2016-17)	Work done up to the billed quantity and quality is satisfactory
KGRRB M2100-9. Sand Filling in Foundation Trenches as per Drawing & Technical Specification MORTH Specification No. 304	Work done up to the billed quantity and quality is satisfactory
Point wiring using copper wire without switch	Work done up to the billed quantity and quality is satisfactory
Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, copper conductor flexible multistrand FRLS PVC insulated, 2x1.5Sqmm cable confirming to the GTP without switch, the other end of the wires shall be terminated with sufficient loose length in a wood/ PVC round block.complete for each outlet.	Work done up to the billed quantity and quality is satisfactory
Point wiring using class A Materials	Work done up to the billed quantity and quality is satisfactory
a) Short point upto 3.0M from tapping point to outlet via switch box.KPWD SR 14-15 Chap No, Item No, Page No2-2.3.1-5	Work done up to the billed quantity and quality is satisfactory
b) Medium point above 3.0M upto 6.0M from tapping point to outlet via switch box KPWD SR 14-15 Chap No, Item No, Page No2-2.3.2-5	Work done up to the billed quantity and quality is satisfactory
c) Two outlet in a row, above 3.0M upto 6.0M from tapping point to outlet via switch box KPWD SR 14-15 Chap No, Item No, Page No2-2.3.4-5	Work done up to the billed quantity and quality is satisfactory
d) Three outlet in a row, above 6.0M upto 10.0M from tapping point to outlet via switch box KPWD SR 14-15 Chap No, Item No, Page No2-2.3.5-5	Work done up to the billed quantity and quality is satisfactory
Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.Cwall	Work done up to the billed quantity and quality is satisfactory
a) 1-3Mlay KPWD SR 14-15 Chap No, Item No, Page No3-3.5.1-15	Work done up to the billed quantity and quality is satisfactory



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